

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

APPLICANT

TATSUO FURUKAWA ET AL.

FILING DATE

August 16, 1999

GROUP

2854

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CH	R	5,851,075	12/22/98	Imai <i>dup</i>	400	120	
CH		5,886,713	03/23/99	Okada et al.	347	14	
CH		5,838,341	11/17/98	Hlwada	347	14	
CH		5,892,532	04/06/99	Katakura et al. <i>dup</i>	347	240	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
CH	JP	09 131879	05/20/97	Japan	—	—	x
CH	EP	0 694 391	01/31/96	EPO	—	—	Orig. Engl.
CH	JP	08 252926	10/01/96	Japan	—	—	x
CH	EP	0 631 870	01/04/95	EPO	—	—	Orig. Engl.
CH	JP	08 244231	09/24/96	Japan	—	—	x

x

Counterpart US patents enclosed

EXAMINER

NOLAN

DATE CONSIDERED

3-22-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 2

FORM PTO, 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		ATTY DOCKET NO. 862.3016		APPLICATION NO. 09/374,580	
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> OIPES OCT 15 2002 PATENT AND TRADEMARK OFFICE </div>		APPLICANT TATSUO FURUKAWA ET AL.			
FILING DATE August 16, 1999		GROUP 2854			

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
CA	4,740,796	4/1988	Endo et al.	346	1.1		
CA	5,602,576	2/1997	Murooka et al.	347	59		
CA	5,731,828	3/1998	Ishinaga et al.	347	62		
CA	5,851,075	12/1998	Imai	400	120.14		
CA	5,880,762	3/1999	Ishinaga et al.	347	62		
CA	5,892,532	4/1999	Katakura et al.	347	240		
CA	6,116,714	9/2000	Imanaka et al.	347	19		

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
CA	8-244231	9/1996	Japan			Abst.	
CA	8-252926	10/1996	Japan			Abst.	
CA	8-034137	2/1998	Japan			Abst.	
CA	9-131879	5/1997	Japan			Abst.	
CA	0,571,093	11/1993	EPO				
CA	0,631,870	1/1995	EPO				
CA	0,661,162	7/1995	EPO				
CA	0,694,391	1/1996	EPO				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER	NOLAN	DATE CONSIDERED	3-22-03
----------	-------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sh 1 2 f 2

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(On several sheets if necessary)

APPLICANT

TATSUO FURUKAWA ET AL.

FILING DATE

August 16, 1999

GROUP

2854

OCT 15 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CH	4,313,124	1/1982	Hara	346	140R	
CH	4,345,262	8/1982	Shirato et al.	346	140R	
CH	4,459,600	7/1984	Sato et al.	346	140R	
CH	4,463,359	7/1984	Ayata et al.	346	1.1	
CH	4,558,333	12/1985	Sugitani et al.	346	140R	
CH	4,608,577	8/1986	Hori	346	140R	
CH	4,723,129	2/1988	Endo et al.	346	1.1	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
CH	54-56847	5/1979	Japan			Abst.
CH	59-123670	7/1984	Japan			Abst.
CH	59-138461	8/1984	Japan			Abst.
CH	60-71260	4/1985	Japan			Abst.
CH	5-185594	7/1993	Japan			Abst.
CH	8-72310	3/1996	Japan			Abst.
CH	8-156,257	6/1996	Japan			Abst.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

NOZAN

DATE CONSIDERED

3-22-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 2

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

APPLICANT

TATSUO FURUKAWA ET AL

FILING DATE

August 16, 1999

GROUP

2854

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
CA	EP	0 661 162	07/05/95	EPO			Eng. Orig.
CA	JP	08 156257	06/18/96	Japan			Abstract
CA	JP	08 072310	03/19/96	Japan			x
CA	EP	0 571 093	11/24/93	EPO			Orig. Eng.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

CA		Patent Abstracts of Japan, vol. 1996, no. 06, 6/28/96 (JP 08- 034137, 2/6/96)
CA	x	Counterpart US patent enclosed

EXAMINER

NOLAN

DATE CONSIDERED

3-22-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2